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INFORMATION DISCLOSURE			LOSURE	Application Number	10/825,186	
STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	April 16, 2004			
		First Named Inventor	Zhang et al.			
		Art Unit	1645 - 1631			
		Examiner Name	To Be Assigned Moran			
Sheet	<u> </u>	of	2	Attorney Docket Number	57953/1221 (ZHA01-01)	

	U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
		Number - Kind Code (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
		US-					
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FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Cohumns, Lines, Where Relevant Passages or Relevant Figures Appear	Т4	
		Country Code ³ Number ⁴ (If known)					
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	-	OTHER PRIOR A	RT – NON PATENT L	ITERATURE DOCUMENTS		i	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.					
/M.M./	1	Chen et al., "Fractionation of Peptide with Disulfide Bond for Quantum Mechanical Calculation of Interaction Energy with Molecules," <i>Journal of Chemical Physics</i> 120(2):839-844 (2004)					
/M.M.	, 2	Chen et al., "Theoretical Method for Full ab initio Calculation of DNA/RNA-Ligand Interaction Energy," Journal of Chemical Physics 120(24):11386-11391 (2004)					
/M.M./	3	Gao et al., "An Efficient Linear Scaling Method for ab initio Calculation of Electron Density of Proteins," Chemical Physics Letters 394:293-297 (2004)					

Examiner	/Mariorie Moran/	Date	03/18/2007
Ciamatura	i initial joing thiolain	1 1	03/10/2007
Signature		Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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o persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449B/PTO RADEN Complete if Known 10/825,186 Application Number INFORMATION DISCLOSURE April 16, 2004 Filing Date STATEMENT BY APPLICANT First Named Inventor Zhang et al. (use as many sheets as necessary) 1631 Group Art Unit 1645 To Bo Assigned Moran Examiner Name 2 Sheet of 2 Attorney Docket Number 57953/1221 (ZHA01-01)

	T	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	_				
Examiner Cite Initials No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.)., date, page(s), volume-issue number(s), publisher, city and/or country where published.					
/M.M./	4	Xiang et al., "Fully Quantum Mechanical Energy Optimization for Protein-Ligand Structure," Journal of Computational Chemistry 25(12):1431-1437 (2004)					
	5	Zhang et al., "Full ab initio Computation of Protein-Water Interaction Energies," Journal of Theoretical and Computational Chemistry 3(1):43-49 (2004)					
	6	Zhang et al., "Molecular Caps for Full Quantum Mechanical Computation of Peptide-Water Interaction Energy," Journal of Computational Chemistry 24(15):1846-1852 (2003)					
	7	Zhang et al., "Molecular Fractionation with Conjugate Caps for Full Quantum Mechanical Calculation of Protein-Molecule Interaction Energy," <i>Journal of Chemical Physics</i> 119(7):3599-3605 (2003)					
	8	Zhang et al., "New Advance in Computational Chemistry: Full Quantum Mechanical ab Initio Computation of Streptavidin-Biotin Interaction Energy," J. Phys. Chem. 107:12039-12041 (2003)					
V	9	Zhang et al., "Quantum Mechanical Map for Protein-Ligand Binding with Application to β -Trypsin/Benzamidine Complex," Journal of Chemical Physics 120(3):1145-1148 (2004)					
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Examiner Signature	/Marjorie Moran/	•	Date Considered	03/18/2007
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